

PAT-NO: JP02001151960A
DOCUMENT-IDENTIFIER: JP 2001151960 A
TITLE: POLYPROPYLENE RESIN COMPOSITION AND CONTAINER
PUBN-DATE: June 5, 2001

INVENTOR-INFORMATION:

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| NAME | COUNTRY |
| WADA, ISAO | N/A |

ASSIGNEE-INFORMATION:

| | |
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| NAME | COUNTRY |
| GRAND POLYMER:KK | N/A |

APPL-NO: JP11342133

APPL-DATE: December 1, 1999

INT-CL (IPC): C08L023/12, B65D001/09 , C08J005/00 , C08K005/527

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a polypropylene resin composition which has its clarity and impact resistance simultaneously improved in a good balance and is suitable for producing a container.

SOLUTION: This composition is prepared by compounding 100 pts.wt. resin comprising 70-90 wt.% polypropylene having an MFR(melt flow rate) of 4-50 and 10-30 wt.% ethylene/6-20C α -olefin copolymer having an MFR of 0.5-40 and a density of 0.890-0.915 with 0.1-0.3 pt.wt. organic phosphate nucleating agent. Preferably, the ratio (G'/G'') of storage modulus (G') to loss modulus (G'') in the dynamic viscoelasticity measurement of this composition is 0.5 or higher when the angular velocity is 0.1 rad/s and is 1 or higher when the

angular velocity is 10 rad/s or higher.

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